

<u>Program</u>	<u>Research Plan</u>
Residential Equipment	Primary
Nonresidential Equipment	Primary
Commercial Energy Solutions	Secondary
Commercial New Construction	Secondary
Industrial Partners	Secondary
Residential New Construction	Secondary
Residential Assessment	Secondary
Upstream Lighting	Secondary
Appliance Recycling	Secondary
Nonresidential Load Management	Existing Value
Residential Load Management	Existing Value
Residential Behavioral Program	Existing Value
Multifamily	Deemed 1.0
Residential Low Income	Deemed 1.0
Residential HVAC Tune-Up	Deemed 1.0
Agriculture	Deemed 1.0
Nonresidential Low Income	Deemed 1.0

The total budget for all NTG work done by Dunsky in the Assessment study is \$230,105 to be allocated among each of the three participating Investor Owned Utilities (IOUs). MidAmerican's share of the total Assessment cost is 58.77%. The assessed cost to MidAmerican for NTG work done in the Assessment study is budgeted to be \$135,233. The expected completion date for this work is July 24, 2017.

Additional Net-To-Gross Work Scheduled by MidAmerican

In addition to the NTG work outlined above as part of the Assessment study, MidAmerican will be conducting additional NTG assessments as part of its regular Evaluation, Monitoring, and Verification analysis (EM&V) as outlined in MidAmerican's 2014-2018 Iowa Energy Efficiency Plan (Plan). MidAmerican contracted with Tetra Tech to perform EM&V for the Plan.

The programs and research methodologies for MidAmerican’s energy efficiency portfolio to be studied by Tetra Tech in addition to the Assessment are described below:

<u>Program</u>	<u>Research Plan</u>
Residential Equipment	Primary
Nonresidential Equipment	Primary
Residential Assessment	Primary
Commercial Assessment	Primary
Industrial Partners	Primary

The total budget for all NTG work done by Tetra Tech as part of MidAmerican’s ongoing EM&V analysis is \$236,697. The total expected NTG expenditures for Tetra Tech and Dunsky is \$371,930.

Discussion

On April 8, 2016, the Iowa Utilities Board (Board) issued its Order Requesting Net-to-Gross Research Plan (Order), requesting that the NTG Oversight Committee draft a plan for NTG research that would be coordinated with work done on the Technical Reference Manual and the Assessment. In response to the Board’s Order, MidAmerican asked Tetra Tech to prepare a NTG budget for MidAmerican’s Iowa programs that were candidates for NTG research outlined in the Navigant NTG Report, excluding those programs that are jointly implemented with the other IOUs that would be the subject of study in the Assessment. These candidate programs are listed above. To be responsive to the Navigant NTG Report and the Board’s Order, MidAmerican decided to move forward with primary NTG research for their Iowa programs that are not jointly implemented with other Iowa IOUs as part of its EM&V activities. The budget to conduct primary NTG research approved by MidAmerican for these five programs addressed MidAmerican’s specific program implementation methodology and will provide statistically significant outcomes at the program level.

While the Assessment does include NTG primary research for both the Residential Equipment and Nonresidential Equipment programs, the data is being collected is at a statewide level and is not expected to be statistically significant at the same level for any of the three IOUs programs, nor will it address each program’s utility-specific implementation design or practice. MidAmerican believes that the utility-

specific analysis done by Tetra Tech for these programs justifies the overlap in the respective scopes of work for the Assessment and MidAmerican's ongoing EM&V analysis.

MidAmerican will update the Board on a regular basis regarding the progress of its NTG analysis and activities.

WHEREFORE, MidAmerican Energy Company respectfully requests the Iowa Utilities Board take due notice of MidAmerican's Net-To-Gross Plan.

Dated this 1st day of December, 2016.

Respectfully submitted,

MidAmerican Energy Company

By: /s/Jennifer S. Moore

Jennifer S. Moore, Senior Attorney

MidAmerican Energy Company

P.O. Box 4350

106 E. Second Street

Davenport, IA 52801

(563) 333-8006 – telephone

(563) 333-8020 – fax

jsmoore@midamerican.com